

Table 7. Distribution of aggregate purchase price of academic research instruments, by source of funds and field of science and engineering: 1988-89 and 1993

[Dollars in millions]

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Source of funds	Field of science and engineering																	
	Total		Engi- neering		Chemistry		Physics/ astronomy		Environ- mental sciences		Computer science		Agricul- tural sciences		Biological sciences		Other, multi- disci- plinary	
	1988- 89	1993	1988- 89	1993	1988- 89	1993	1988- 89	1993	1988- 89	1993	1988- 89	1993	1988- 89	1993	1988- 89	1993	1988- 89	1993
Total	2,856	5,083	784	1,370	493	678	315	717	204	626	147	409	66	25	806	1,150	41	108
Federal, total	1,378	2,569	299	604	246	395	212	479	94	418	64	88	14	6	423	523	25	58
NSF	434	811	94	181	121	192	80	165	42	116	24	49	3	1	68	92	1	17
NIH	402	509	7	13	69	106	1	1	1	4	1	0	3	1	315	374	3	10
DOD	292	606	143	297	29	41	38	96	16	98	32	34	1	1	21	16	13	23
DOE	143	426	31	85	22	48	63	166	11	109	5	1	2	-	3	12	7	5
Other Federal	107	217	25	29	5	8	29	52	24	91	2	4	6	2	16	29	1	2
Non-Federal, total	1,478	2,514	485	765	247	283	103	238	110	209	83	321	52	20	383	627	15	51
Institution funds	858	1,452	200	310	189	200	78	123	57	124	36	270	32	10	253	407	10	8
State government	258	421	112	139	29	36	11	41	23	43	3	9	11	5	67	125	2	22
Industry	240	275	146	196	13	18	7	7	13	9	39	28	4	2	15	11	2	3
Other non-Federal ¹	123	367	26	121	15	28	6	66	17	32	5	15	4	2	48	84	1	17

¹ Includes: private, nonprofit foundations; gifts/donations; and bonds.

NOTES: Data in this table were not collected for supersystems, which are large, integrated instrumentation systems/facilities generally with an aggregate purchase price of \$1 million or more.

This table, which includes data for two survey cycles, reflects a change in the determination of in-scope instruments in the survey.

In 1988-89, the minimum purchase price for an instrument to be in scope for the survey was \$10,000; that minimum was changed to \$20,000 in 1993.

For consistency, data from the 1988-89 survey were standardized using the same minimum purchase price criterion of \$20,000 in constant 1993 dollars, based on the GDP implicit price deflator.

Because of rounding, details may not add to totals.

KEY: - = less than \$500,000

SOURCE: National Science Foundation/SRS, Survey of Academic Research Instruments and Instrumentation Needs: 1993